

REMARKS

Applicants thank the Examiner for the courtesy extended to Applicants' representative during a teleconference on July 29, 2003. During the teleconference, Applicants' requested clarification of the objection to Figure 1 with respect to the requirement to make "dashes (angular lines) run from bottom right to upper left, instead of bottom left to upper right, in order to indicate the p-type conductivity of said layers 101 and 106." Quayle action, pg. 3. Applicants noted that the direction of the lines in Figure 1 and throughout the specification was simply intended to denote different layers, not to denote different types of conductivity. Applicants pointed out that several other layers of Figure 1 had the same conductivity while having lines of opposite orientation. Applicants further pointed out that the prior art documents (for example Fujii) also used lines of various orientations while illustrating layers of the same conductivity. Based on the discussions in the teleconference, it is Applicants' understanding that the Examiner withdrew the requirement during the teleconference.

I. Introduction

Claims 1, 12, 13 and 15-22 are pending in the above application.

Claims 2-11 have been cancelled without prejudice or disclaimer.

Claims 1, 12-13 and 15-22 are indicated as being allowed.

II. Amendments

Figure 17-20 have been amended by replacement sheets to add the label "Prior Art" as suggested in the Office action. Applicants note that it appears that Figures 17-20 are already labeled "Prior Art" in Applicants' file, although there appears to be no expressed instructions in

Applicants' file to the USPTO to amend Figures 17-20 in this manner. Accordingly, to the extent necessary, Applicants provide this amendment to Figures 17-20 to overcome the objection and place the application in condition for allowance.

Claims 2-11 have been cancelled without prejudice or disclaimer to allow the application to pass to issuance.

Claims 14, 19 and 21 have been amended to correct a minor grammatical errors to place them in condition for allowance.

No new matter has been added.

III. Drawing Objections

Figures 17-20 stand objected to as requiring the label "Prior Art". The label "Prior Art" has been added to Figures 17-20 by this response. Accordingly, the objection is believed to be overcome.

Figure 1 stands objected because the Office action asserts that layers 101 and 106 should have dashes run from the bottom right to upper left to indicate the p-type conductivity of layers 101 and 106. It is Applicants' understanding that this requirement was withdrawn during the teleconference with the Examiner on July 29, 2003. No further response is believed to be necessary. However, to the extent a response is necessary, Applicants direct the Examiner to the arguments presented by Applicant during the interview, discussed above, and respectfully traverse the requirement as being overly burdensome, and unsupported by USPTO drawing requirements.

IV. Conclusion

Applicant respectfully submits that the application is in condition for allowance, an early indication thereof is respectfully solicited. Should the Examiner have any questions or concerns regarding the amendments presented herein, the Examiner is invited to contact the undersigned representative of the Applicant.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT, WILL & EMERY



Lawrence Cullen
Registration No. 44,489

600 13th Street, N.W.
Washington, DC 20005-3096
(202)756-8000
Facsimile: (202)756-8087
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APPENDIX

1. Replacement Sheets for the drawing sheets containing Figures 17-20.